

**CRYSTAL PULLER AND METHOD FOR GROWING
SINGLE CRYSTAL SEMICONDUCTOR MATERIAL**Abstract of the Invention

5 A crystal puller and method for growing single crystal semiconductor material
having a susceptor assembly that includes a susceptor disposed in the crystal puller for
receiving and holding a crucible. The side wall of the susceptor is in generally
radially opposed relationship with the side wall of the crucible. A sealing member of
the assembly is adapted for close contact relationship with the crucible side wall and
the susceptor side wall to generally seal between the crucible and the susceptor any
10 gaseous product resulting from a reaction of the crucible with the susceptor against
escape from between the crucible and the susceptor, thereby inhibiting the reaction of
the crucible with the susceptor.